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CBRN Escape Respirator

Laboratory Respirator Protection Level (LRPL) Concept

- Purpose- Establishes a benchmark level of protection under laboratory conditions
- Not intended as an indication of protection for an actual escape scenario

CBRN Escape Respirator

CBRN Escape LRPL Concept Challenge Aerosol Criteria

- 20 – 40 mg/m³ Corn Oil
- 0.4 to 0.6 Micrometer Mass Median Aerodynamic Diameter

CBRN Escape Respirator

CBRN Escape LRPL Concept

Anthropometric Parameters

- Neck Circumference
- Head Circumference
- Face Length
- Face Width *(addition)

CBRN Escape Respirator

CBRN Escape LRPL Concept

2 LRPL Values

- Breathing Zone (2,000)
- 'Under the Hood' (150) *(addition)